

Title (en)
Ink jet printing method

Title (de)
Tintenstrahldruckverfahren

Title (fr)
Procédé d'impression par jet d'encre

Publication
EP 1209208 A3 20031119 (EN)

Application
EP 01204240 A 20011105

Priority
US 72119100 A 20001121

Abstract (en)
[origin: EP1209208A2] An ink jet printing method, comprising the steps of: A) providing an ink jet printer that is responsive to digital data signals; B) loading the printer with ink-receptive elements comprising a support having thereon an image-receiving layer comprising a mixture of an anionic polymer and a hydrophilic polymer; C) loading the printer with an ink jet ink composition comprising water, a humectant, and a delocalized cationic azo dye derived from the quaternization of a nitrogen heterocyclic azo dye; and D) printing on the image-receiving layer using the ink jet ink in response to the digital data signals

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B41M 5/52 (2013.01 - EP US); C09B 44/14 (2013.01 - EP US); C09B 44/16 (2013.01 - EP US); C09B 44/18 (2013.01 - EP US); C09D 11/32B (2013.01 - EP US); B41M 5/5254 (2013.01 - EP US); B41M 5/5281 (2013.01 - EP US)

Citation (search report)

- [X] EP 1024021 A2 20000802 - EASTMAN KODAK CO [US]
- [X] EP 1010540 A1 20000621 - EASTMAN KODAK CO [US]
- [E] EP 1153761 A2 20011114 - EASTMAN KODAK CO [US]
- [A] GB 1423845 A 19760204 - HOECHST AG
- [A] EP 0767072 A1 19970409 - SEIKO EPSON CORP [JP]
- [A] EP 0661168 A2 19950705 - CANON KK [JP]
- [A] US 5537137 A 19960716 - HELD ROBERT P [US], et al

Cited by
US7281788B2; WO2004016699A1

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